



As a below name	ed inventor. I he	ereby declare tha	nt:		·		
This declaration	is of the followi	ng type:					
[] original	[] suppleme	ental					
[X] national	stage of PCT						
[] division	al []c	ontinuation	[] continua	ition-in-part			
My residence, po	st office addres	s and citizenship	are as stated	next to my name,			
I believe I am the inventor (if plural sought on the inv METHOD OF MA	rnames are usu rention entitled	ou below) of the	subject matter	me is listed below) or which is claimed and CE	an origin: for which	al, first ar a patent	id joint is
the specification	of which	,	•				
: zi []	attached hereto.	•					
[X] wa	s filed on	November 7,	2001				
				10/030525		and,	
[X] wa	s filed on	May 2, 200		(if ap	plicable).		
	as PCT Intern	ational Applicati	on Number	PCT/JP00/02914	a	nd,	
	was amended	under PCT Artic	de 19 on			_ (if appi	icable).
I hereby state that the claims, as am	t I have reviewe ended by any a	ed and understan mendment refen	nd the contents red to above.	of the above-identifie	ed specific	ation, inc	gnibuk
I acknowledge the Federal Regulation	e duty to disclos	e information wh	ich is material	to patentability as de	fined in Ti	tle 37, Co	ode of
designated at least	patent or invent st one country o ∙any foreign app	ors certificate, o ther than the Uni dication for pate	r 365(a) of any ited States, list nt or inventor's	e, Section 119(a)-(d) o PCT International ap ed below and have al certificate, or PCT In y is claimed.	plication v	which	hv
PR	OR FOREIGN	APPLICATIONS	, BENEFIT CL	AIMED UNDER 35 U	SC §119(a	a)	
Application Numb		Country		Date of Filing (Day/Month/Year)	Pri	iority Clai er 35 US	med C 119
P1999-12768	18	Japan	<u> </u>	07 / May / 1999		XYes	No
						Yes	No



I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)

(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S., BENEFIT CLAIMED UNDER 35 USC §120

(Application No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)
(Application No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number or Customer Number)

Raymond R. Moser, Jr.
B. Todd Patterson
Keith M. Tackett
Douglas H. Elliot
W. Bruce Patterson
Phong D. Nguyen

Registration No. 34,682 Registration No. 37,906 Registration No. 32,008 Registration No. 32,982 Registration No. 34,102 Registration No. 43,833

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Direct Telephone Calls to:

W. Bruce Patterson at telephone number 713-623-4844



	Full Name of sole or first inventor	
DN	Naoki TAMITANI	
1	inventor's signature	Date
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	Residence Shinagawa-ku, Tokyo, Japan	
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اً، ہ	Full Name second joint inventor, if any	
1)41	Rie KOGURE	
/	Second inventor's signature	Date
	Rie Mogure	July 5, 2002
İ	Residence	
	Shinagawa-ku, Tokyo, Japan	
1	Citizenship Japan	
Ī	Post office address	
	do sony corporation,	
	7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan	
L		
a	Full Name third joint inventor, if any Yuji TAKAOKA	·
ω_{\perp}	Third inventor's signature	Date
	The same of the sa	
-	Residence	July 5, 2002
İ	Shinagawa-ku, Tokyo, Japan	
	Citizenship Japan	,
	Post office address	
	6/6 SONY CORPORATION.	
l	7-35, Kitashinagawa 6-chome,	
、 L	Shinagawa-ku, Tokyo 141-0001 Japan	
"/\L	Full Name fourth joint inventor, if any	
<i>W</i> _	Seayoul PARK	
\ l'	Fourth inventor's signature	Date .
. I.	· · · · · · · · · · · · · · · · · · ·	
	Residence	
-,	Narita-shi, Chiba, Japan	
- 1	Citizenship Korea (South)	·
F	Post office address	
	c/o Applied Materials Japan, Inc.	
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Full Name fifth joint inventor, if any
Yasushi TAKAKURA

Fifth inventor's signature

Date

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do Applied Materials Japan. Inc..

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Nanta-Shi, Chiba 200-00 to Japan	
Full Name sixth joint inventor, if any Hideyuki YAMAUCHI	
Sboth Inventor's signature	Date
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Clizenship Japan	
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do Applied Materials Japan, Inc.,	
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MOSER PATTERSON &

16

Attorney's Docket No. SOEI/0016

AS a DEIDW HAIR	ed inventor, i nereby deciare that:		
This declaration	is of the following type:		
[] original	[] supplemental		
[X] national $[X]$	stage of PCT al [] continuation [] cor	ntinuation-in-part	
My residence, po	ost office address and citizenship are as s	tated next to my name.	
inventor (if plura sought on the inv	e original, first and sole inventor (if only or I names are listed below) of the subject m vention entitled ANUFACTURING SEMICONDUCTOR DI	atter which is claimed and for the	original, first and joint which a patent is
the specification	of which		
[] is	attached hereto		
[X] wa	as filed on <u>November 7, 2001</u> as United States Application Serial Nun was amended on		and,
(X) wa	as PCT International Application Number was amended under PCT Article 19 on		·
I hereby state tha the claims, as an	at I have reviewed and understand the connended by any amendment referred to abo	tents of the above-identified spove.	pecification, including
l acknowledge th Federal Regulation	e duty to disclose information which is ma ons, Section 1.56.	terial to patentability as define	d in Title 37, Code of
application(s) for designated at lea checking the box	reign priority under Title 35, United States patent or inventor's certificate, or 365(a) out one country other than the United State any foreign application for patent or investe before that of the application on which	of any PCT International applic is, listed below and have also in intor's certificate, or PCT Intern	ation which dentified below, by
PR	NOR FOREIGN APPLICATIONS, BENEF	IT CLAIMED UNDER 35 USC	§119(a)
Application Num	ber Country	Date of Filing (Day/Month/Year)	Priority Claimed Under 35 USC 119
P1999-1276	88 <u>Japan</u>	07 / May / 1999	XYes No
			Yes No

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)

(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S., BENEFIT CLAIMED UNDER 35 USC §120

(Application No.) (Filing Date)		(Status: Patented. Pending, Abandoned)
(Application No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number or Customer Number)

Raymond R. Moser, Jr.
B. Todd Patterson
Keith M. Tackett
Douglas H. Elliot
W. Bruce Patterson
Phong D. Nguyen
Registration No. 34,682
Registration No. 37,906
Registration No. 32,008
Registration No. 32,982
Registration No. 34,102
Registration No. 34,833

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MOSER, PATTERSON & SHERIDAN, L.LP.

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Direct Telephone Calls to: W. Bruce Patterson at telephone number 713-623-4844

	sole or first inventor	
	Naoki TAMITANI	
Inventor's sign	nature	Oate
	•	
Residence		
	Shinagawa-ku, Tokyo, Japan	
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G	SONY CORPORATION,	
7	7-35, Kitashinagawa 6-chome,	
	Shinegawa-ku, Tokyo 141-0001 Japan	
Full Name sec	cond joint inventor, if arry	
F	Rie KOGURE	
Second invent	or, 8 aidualnie	Date
	• •	
Residence		
\$	Shinagawa ku, Tokyo, Japan	
Citizenship J	lapan '	
Post office add	tress /o SONY CORPORATION,	
٥	D SONT CORPORATION,	
7 S	'-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0081 Japan	
Full Nama this	d joint inventor, if any	
	ruji TAKAOKA	
Third inventor's		Date
1111		
Residence		•
S	Shinagawa-ku, Tokyo, Japan	
Citizenship J	apan `	
Post office add		
c)	6 SONY CORPORATION	
7.	-35, Kitashinagawa 6-chome,	
S	ninagawa-ku, Tokyo 141-0001 Japan	
Full Name four	th joint inventor, if any	
S	Seayoul PARK	
Fourth inventor	,8 biqus(nts	Date
	北 州 あ	July 8, 2002
Residence	AF C CCC	902y 0, 2002
	Blk 27, Hazel	Park Terrace #09-03, Singapore 678949
Citizenship K	orea (South)	
Post office add		
20	e Applied Materials daparo basex	c/o Applied Material's South East Asia Pte. Ltd
xata	#9pStrinizzanix	200 Pandan Loop #08-01/04, Pantech 21 Computer
	2842244CAHISPA58-8848ABADSUK	Center, Singapore 128388



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Fifth invento	or's signature	Date	
Residence	Narita-shi, Chiba, Japan	The second secon	4
Citizenship	Japan .		
Post office a	address c/o Applied Materials Japan, Inc.		· · · · · · · · · · · · · · · · · · ·
	14-3, Shinizumi, Narita-shi, Chiba 286-8516 Japan		
Full Name si	isth joint inventor, if any Hideyuki YAMAUCHI		

Hideyuki YAMAUCHI

Sixth Inventor's signature

Date

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Citizenship

Japan

Post office address

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14-3, Shinizumi,
Narita-shi, Chiba 286-8516 Japan





Attorney's Docket No SFI/80/6

As a below named inventor. I hereby declare that:				
This declaration	is of the following type			
[] original	[] supplemental			
	stage of PCT al [] continuation [] continua	ıtion-in-part		
My residence, po	st office address and citizenship are as stated	next to my name		
inventor (if plural sought on the inv	I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD OF MANUFACTURING SEMICONDUCTOR DEVEICE			
the specification (of which	· ·		
[] is a	attached hereto			
(X) was	s filed on November 7, 2001 as United States Application Senal Number was amended on		and and	
[X] was	as PCT International Application Number was amended under PCT Article 19 on			
hereby state that the claims as am	t I have reviewed and understand the contents ended by any amendment referred to above.	of the above-identified sp	ecification, including	
l acknowledge the Federal Regulatio	e duty to disclose information which is material ins, Section 1.56	to patentability as defined	in Title 37. Code of	
application(s) for designated at leas checking the box,	eign priority under Title 35, United States Code patent or inventor's certificate, or 365(a) of any strong country other than the United States, list any foreign application for patent or inventor's the before that of the application on which priority.	y PCT International applicated below and have also id a certificate, or PCT Interna-	ntion which lentified below, by	
PRIOR FOREIGN APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(a)				
Application Numb	per Country	Date of Filing (Day/Month/Year)	Priority Claimed Under 35 USC 119	
P1999-1276	Japan	07 / May / 1999	X Yes No	
			1 1162 1 1140	



I hereby claim the benefit under Title 35 United States Gode. Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)

(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37. Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S., BENEFIT CLAIMED UNDER 35 USC §120

(Application No.)	(Filing Date)	(Status Patented, Pending Abandoned)
(Application No.)	(Filing Date)	(Status: Patented Pending Abandoned)

POWER OF ATTORNEY. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number or Customer Number)

Raymond R. Moser Jr
B. Todd Patterson
Keith M. Tackett
Douglas H. Elliot
W. Bruce Patterson
Phong D Nguyen

Registration No. 34,682
Registration No. 32,908
Registration No. 32,982
Registration No. 34,102
Registration No. 43,833

Send Correspondence to:

MOSER, PATTERSON & SHERIDAN, L.L.P.

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Direct Telephone Calls to: W Bruce Patterson at telephone number 713-623-4844



Full Name	of sole or first inventor			
	Naoki TAMITANI	•		
Inventor's s	ignature	Date		
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Cilizenship				
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Full Name s	econd joint inventor, if any			
	Rie KOGURE			
Second inve	entor's signature	Date	·	
Residence	Shinagawa-ku, Tokyo, Japan			
Citizenship	Japan			
Post office 8	do SONY CORPORATION,			
<u> </u>	7-35, Kitashinagawa 6-chome. Shinagawa-ku, Tokyo 141-0001 Japan			
Full Name th	ird joint Inventor, if any Yuji TAKAOKA			
Third invento	n's signature	Dale	•	
Residence	Shinagawa-ku, Tokyo, Japan		· · · · · · · · · · · · · · · · · · ·	20 10 mm (mmm) 1
Cilizenship	Japan		·	
Post office a	ddress c/o SONY CORPORATION			
	7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan			
Full Name fo	urth joint inventor, if any			
•	Seayoul PARK			
Fourth invent	or's signature	Date .		
Residence	Narita-shi, Chiba, Japan			
Citizenship	Korea (South)			
Post office as	dress do Applied Materials Japan, Inc.			*******
	14-3, Shinizumi, Narita-shi, Chiba 286-8516 Japan			;



<u> </u>			
Full Name !	fiffin joint inventor, if any		
ļ	Yasushi TAKAKURA	•	
Eldh imand	or's signature	Date	
Linu siaer			
1	わりる	July 8, 2002	
Residence			
Newsonie.	Narita-shi, Chiba, Japan		
Citizenship	Japan		
	· · · · · · · · · · · · · · · · · · ·		
Post office t			
	c'o Applied Materials Jepan, Inc.,		i
	44.6 Objetunci		
	14-3, Shinizumi, Nama-shi, Chiba 286-8516 Japan		1
	Marita-Sili, Critica 260-65 to Japani		
Full Name s	bth joint inventor, if any		\neg
	Hideyuki YAMAUCHI		
Siddh Invento	or's signature	Date	- 1
· ·			
Residence	Narita-shi, Chiba, Japan		
	Nama-sin, Chiba, Japan	·	
Citizenship	lener.		
	Japan		
Post office a	ddress	· ,	
	do Applied Materials Japan, Inc.		
	•		l
	14-3, Shinizumi,		- 1
	Narita-shi, Chibe 286-8518 Japan		- 1



Attorney's Docket No. 50EI 10016

As a below nar	med inventor, i hen	eby declare that:					
This declaration	n is of the following	type:					
i] origin	al [] supplemen	tal					
u	nal stage of PCT onal [] cor	ntinuation [] continuat	ion-in-part			
My residence,	post office address	and citizenship are	as stated i	next to my name,			
inventor (if plui sought on the i	the original, first and ral names are listed nvention entitled MANUFACTURING	below) of the subj	ect matter v	vhich is claimed ar	or an origin nd for which	al, first and a patent is	joint
the specificatio	n of which						
[] i	s attached hereto.						
[X] v		ovember 7, 200 s Application Seria	l Number				
1X1 v	vas filed on						
	as PCT Interna was amended t	tional Application I Inder PCT Article	Number 19 on	PCT/JP00/029	14 2	and, (if applic	able).
I hereby state the claims, as a	hat I have reviewed amended by any an	l and understand the	ne contents to above.	of the above-ident	ified specific	cation, inclu	gnibı
l acknowledge t Federal Regula	the duty to disclose tions, Section 1.56	information which	is material i	lo patentability as	defined in T	itle 37, Coo	ie of
application(s) for designated at le checking the bo	foreign priority unde or patent or invento east one country off ox, any foreign appl date before that of t	r's certificate, or 36 er than the United ication for patent o	55(a) of any States, lister of inventor's	PCT International ed below and have certificate, or PCT	application also identif	which ied below. I	by
F	PRIOR FOREIGN A	PPLICATIONS, BI	ENEFIT CL	AIMED UNDER 35	USC §119((a)	
Application Nu	mber	Country	ı	Date of Filing Day/Month/Year)	Pi Und	riority Clain der 35 USC	ned ; 119
P1999-127	7688	Japan		07 / May / 199	9	X Yes	∏No ∏No

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)

(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S., BENEFIT CLAIMED UNDER 35 USC §120

(Application No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)
(Application No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number or Customer Number)

Raymond R. Moser, Jr
B. Todd Patterson
Keith M. Tackett
Douglas H. Elliot
W. Bruce Patterson
Phong D. Nguyen
Registration No. 34,682
Registration No. 37,906
Registration No. 32,008
Registration No. 32,982
Registration No. 34,102
Registration No. 34,833

Send Correspondence to:

MOSER, PATTERSON & SHERIDAN, L.L.P.

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Direct Telephone Calls to: W Bruce Patterson at telephone number 713-623-4844



Full Name	of sole or first inventor		
	Naoki TAMITANI		
inventor's	signature	Date ·	
Residence	Shinagawa-ku, Tokyo, Japan		_
Citizenship	Japan		**************************************
Post office	address do SONY CORPORATION		*
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Full Name:	second joint Inventor, if any		
	Rie KOGURE		
Second invi	entor's signature	Date	,
Residence	Shinagawa-ku, Tokyo, Japan		•
Citizenship	Japan		
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	7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan		
Full Name t	hird joint inventor, if any Yuji TAKAOKA		
Third invent	or's signature	Oate	
Residence	Shinagawa-ku, Tokyo, Japan		
Citizenship	Japan		
Post office a	ddress c/o SONY CORPORATION		
	7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan	·	
Full Name fo	surth joint Inventor, if any Seayoul PARK		
Fourth inven	tor's signature	Date	
Residence	Narita-shi, Chiba, Japan	<u></u>	
Citizenship	Korea (South)		
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Full Name t	ifth joini inventor, if any		·
	Yasushi TAKAKURA		
Fifth invento	or's signature	Date	
Residence	Narita-shi, Chiba, Japan		
Citizenship	Japan ·		
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Full Name s	idh joint inventor, if any Hideyuki YAMAUCHI		
Sixth invento	or's signature	Date	
	Tideyeli Yanach	July 8, 2002	
Residence	Narita-shi, Chiba, Japan		
Citizenship	Japan		
Post office a	ddress c/o Applied Materials Japan, Inc.	· · · · · · · · · · · · · · · · · · ·	
	14-3, Shinizumi, Narita-shi, Chiba 286-8516 Japan	· · · · · · · · · · · · · · · · · · ·	